

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/CA2004/000662

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/716 A61K35/78 A61P17/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/43719 A (WEISSMAN GLENN H) 6 June 2002 (2002-06-06) example 2	1, 2, 8, 9
X	WO 00/67626 A (FIELDER DAVID ; CEAPRO INC (CA); REDMOND MARK J (CA)) 16 November 2000 (2000-11-16) example 9	1-4
X	US 5 980 918 A (KLEIN BARBARA K) 9 November 1999 (1999-11-09) the whole document	1, 8, 9
X	WO 01/74300 A (BRENNEN MEDICAL INC) 11 October 2001 (2001-10-11) page 3, lines 1-4 page 8, lines 17-22	1, 8, 9
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*8\* document member of the same patent family

Date of the actual completion of the international search

24 September 2004

Date of mailing of the international search report

11/10/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>ESTRADA A ET AL: "Effect of administration of oat beta-glucan on immune parameters of healthy and immunosuppressed beef steers." CANADIAN JOURNAL OF VETERINARY RESEARCH = REVUE CANADIENNE DE RECHERCHE VETERINAIRE. OCT 1999, vol. 63, no. 4, October 1999 (1999-10), pages 261-268, XP002297977 ISSN: 0830-9000 page 263</p>	1,6,8,9
P,X	<p>WO 03/054077 A (CEAPRO INC ; FIELDER DAVID A (CA); REDMOND MARK J (CA)) 3 July 2003 (2003-07-03) page 8, lines 29-32; claims 1,10-14</p>	1,5-11
A	<p>ESTRADA ALBERTO ET AL: "Immunomodulatory activities of oat beta-glucan in vitro and in vivo" MICROBIOLOGY AND IMMUNOLOGY, vol. 41, no. 12, 1997, pages 991-998, XP009036004 ISSN: 0385-5600 abstract</p>	1-27
A	<p>CHEUNG NAI-KONG V ET AL: "Orally administered beta-glucans enhance anti-tumor effects of monoclonal antibodies." CANCER IMMUNOLOGY IMMUNOTHERAPY, vol. 51, no. 10, November 2002 (2002-11), pages 557-564, XP002297978 ISSN: 0340-7004 abstract</p>	1-27
A	<p>YUN C-H ET AL: "'beta!-Glucan, extracted from oat, enhances disease resistance against bacterial and parasitic infections" FEMS IMMUNOLOGY AND MEDICAL MICROBIOLOGY 21 FEB 2003 NETHERLANDS, vol. 35, no. 1, 21 February 2003 (2003-02-21), pages 67-75, XP002297979 ISSN: 0928-8244 abstract</p>	1-27

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BRAATEN J T ET AL: "OAT BETA-GLUCAN REDUCES BLOOD CHOLESTEROL CONCENTRATION IN HYPERCHOLESTEROLEMIC SUBJECTS" EUROPEAN JOURNAL OF CLINICAL NUTRITION, XX, XX, vol. 48, July 1994 (1994-07), pages 465-474, XP001027909 abstract	1-27
A	US 5 518 710 A (BHATTY RATTAN S) 21 May 1996 (1996-05-21) the whole document	1-27

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Information on patent family members

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